

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10551018"	US-PGPUB; USPAT	OR	ON	2009/08/18 12:21
S2	3	("5523177"   "5672438"   "6296964").PN.	US-PGPUB; USPAT	OR	ON	2009/08/18 12:30
S3	22	("direct methanol" or dmfc) and elut\$4 with (electrode or cataly\$5 or anode)	US-PGPUB; USPAT	OR	ON	2009/08/18 13:40
S4	3	S3 and (@ad<"20040319" @rlad<"20040319" @ptad<"20040319" )	US-PGPUB; USPAT	OR	ON	2009/08/18 13:41
S5	2	"20050233186"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/08/18 13:43
S6	1	2004-090884.NRAN.	DERWENT	OR	ON	2009/08/18 13:44
S7	3	("5523177"   "5672438"   "6296964").PN.	US-PGPUB; USPAT	OR	ON	2009/08/18 16:44
S8	0	S7 and elut\$5	US-PGPUB; USPAT	OR	ON	2009/08/18 16:44
S9	1	"10551018"	US-PGPUB; USPAT	OR	ON	2009/10/02 17:21
S10	3	("5523177"   "5672438"   "6296964").PN.	US-PGPUB; USPAT	OR	ON	2009/10/02 17:45
S11	2	S10 and (elut\$4 or black)	US-PGPUB; USPAT	OR	ON	2009/10/02 17:50
S12	18	(429/12-46.cols. h01m008\$.lpc. h01m\$.lpcr.) and methanol same black with color \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/02 17:52
S13	13	S12 and (@ad<"20040319" @rlad<"20040319" @ptad<"20040319")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/02 17:52
S14	14	(429/12-46.cols. h01m008\$.lpc. h01m\$.lpcr.) and (methanol or dmfc) same (anode or "fuel electrode") with (elut\$4 or disintegrat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/02 17:55
S15	5	S14 and (@ad<"20040319" @rlad<"20040319" @ptad<"20040319")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/02 17:55

S16	4	(429/12-46.cols. h01m008\$. ipc. h01m\$.ipcr.) and (methanol or dmfc) same (anode or "fuel electrode") with leach\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/02 17:57
S17	7	(429/12-46.cols. h01m008\$. ipc. h01m\$.ipcr.) and (methanol or dmfc) same3 (anode or "fuel electrode") with leach\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/02 17:58
S18	7	S17 and (@ad<"20040319" @rlad<"20040319" @ptad<"20040319")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/02 17:58
S19	174	(429/12-46.cols. h01m008\$. ipc. h01m\$.ipcr.) and (methanol or dmfc) same3 (anode or "fuel electrode") with dissolv\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/02 18:00
S20	120	S19 and (@ad<"20040319" @rlad<"20040319" @ptad<"20040319")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/02 18:00
S21	103	(429/12-46.cols. h01m008\$. ipc. h01m\$.ipcr.) and (methanol or dmfc) same (anode or "fuel electrode") with dissolv\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/02 18:00
S22	74	S21 and (@ad<"20040319" @rlad<"20040319" @ptad<"20040319")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/02 18:00
S23	65	(429/12-46.cds. h01m008\$. ipc. h01m\$.ipcr.) and (methanol or dmfc) same (anode or "fuel electrode") near5 dissolv\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/02 18:01
S24	57	S23 and (@ad<"20040319" @rlad<"20040319" @ptad<"20040319")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/02 18:01
S25	6	(429/12-46.cds. h01m008\$. ipc. h01m\$.ipcr.) and (methanol or dmfc) same (anode or "fuel electrode") near5 dissolution	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/02 18:05
S26	8	(429/12-46.cds. h01m008\$. ipc. h01m\$.ipcr.) and (methanol or dmfc) same (anode or "fuel electrode") with dissolution	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/02 18:05
S27	12	"551018"	US-PGPUB; USPAT	OR	ON	2009/10/02 18:07
S28	2	"20070054159"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/02 18:07

S29	1	2004-737856.NRAN.	DERWENT	OR	ON	2009/10/02 18:08
S30	2	"20050233186"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/10/02 18:09
S31	1	2004-090884.NRAN.	DERWENT	OR	ON	2009/10/02 18:09
S35	1	"10551018" and input\$4	US-PGPUB; USPAT	OR	ON	2009/10/05 15:18
S36	2	"10507572"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/10/05 16:06
S37	41	(429/12-46.cols. h01m008\$. ipc. h01m\$.ipcr.) and (methanol or dmfc) and (anode or "fuel electrode") with (elut\$4 or disintegrat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 16:18
S38	14	S37 and (@ad<"20040319" @rlad<"20040319" @ptad<"20040319")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 16:18
S39	5	"2005044585"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 16:21
S40	63	(429/12-46.cols. h01m008\$. ipc. h01m8\$.ipcr.) and (methanol or dmfc or alcohol or liquid near2 feed) and (anode or "fuel electrode") with (elut\$4 or disintegrat\$4 or leach\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 16:37
S41	32	S40 and (@ad<"20040319" @rlad<"20040319" @ptad<"20040319")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 16:37
S42	21	S41 not S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 16:37
S43	8	(429/12-46.cols. h01m008\$. ipc. h01m8\$.ipcr.) and "direct oxidation" and (anode or "fuel electrode") with (elut\$4 or disintegrat\$4 or leach\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 16:42
S44	5	S43 and (@ad<"20040319" @rlad<"20040319" @ptad<"20040319")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 16:42
S45	41	(((methanol or "direct oxidation" or alcohol or liquid near2 feed) with "fuel cell") or dmfc) and (anode or "fuel electrode") with (elut\$4 or disintegrat\$4 or leach\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 16:51

S46	23	S45 and (@ad<"20040319" @rlad<"20040319" @ptad<"20040319")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 16:51
S47	6	S46 not S38 not S41	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 16:51
S48	105	(429/12-46.cds. h01m008\$. ipc. h01m8\$.ipcr.) and (anode or "fuel electrode") with (elut \$4 or disintegrat\$4 or leach\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 16:53
S49	65	S48 and (@ad<"20040319" @rlad<"20040319" @ptad<"20040319")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 16:53
S50	33	S49 not S38 not S41 not S46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 16:53
S51	12	(429/12-46.cds. h01m008\$. ipc. h01m8\$.ipcr.) and (anode or "fuel electrode") with (elut \$4 or disintegrat\$4 or leach\$4) same (sens\$4 or measur\$4 or detect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 16:59
S52	6	S51 and (@ad<"20040319" @rlad<"20040319" @ptad<"20040319")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 17:00
S53	21	(429/12-46.cds. h01m008\$. ipc. h01m8\$.ipcr.) and (catalyst or electrocatalyst) with (elut\$4 or disintegrat\$4 or leach\$4) same (sens\$4 or measur\$4 or detect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 17:02
S54	25	(429/12-46.cds. h01m008\$. ipc. h01m8\$.ipcr. h01m004\$. ipc. h01m4\$.ipcr.) and (catalyst or electrocatalyst) with (elut\$4 or disintegrat\$4 or leach\$4) same (sens\$4 or measur\$4 or detect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 17:02
S55	10	S54 and (@ad<"20040319" @rlad<"20040319" @ptad<"20040319")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 17:02
S56	2	"20050233186"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/05 17:05
S57	1	2004-090884.NRAN.	DERWENT	OR	ON	2009/10/05 17:05
S58	1	"10551018"	US-PGPUB; USPAT	OR	ON	2009/10/06 18:38

S59	158	(429/12-46.cds. h01m008\$.ipc. h01m8\$.ipcr.) and methanol with (sens\$4 or measur\$4 or detect\$4) with (ph or dielectric or color\$6 or conductivity or optical or calorimetric or ion)	US-PGPUB; USPAT; EPO; JPO; DERVENT	OR	ON	2009/10/06 18:52
S60	82	S59 and (@ad<"20040319" @lad<"20040319" @ptad<"20040319")	US-PGPUB; USPAT; EPO; JPO; DERVENT	OR	ON	2009/10/06 18:53
S61	459	(429/12-46.cds. h01m008\$.ipc. h01m8\$.ipcr.) and methanol and (aqueous or fuel) with (sens\$4 or measur\$4 or detect\$4) with (ph or dielectric or color\$6 or conductivity or optical or calorimetric or ion)	US-PGPUB; USPAT; EPO; JPO; DERVENT	OR	ON	2009/10/06 19:05
S62	168	(429/12-46.cds. h01m008\$.ipc. h01m8\$.ipcr.) and ("direct methanol" or dmfc) and (aqueous or fuel) with (sens\$4 or measur\$4 or detect\$4) with (ph or dielectric or color\$6 or conductivity or optical or calorimetric or ion)	US-PGPUB; USPAT; EPO; JPO; DERVENT	OR	ON	2009/10/06 19:06
S63	75	S62 and (@ad<"20040319" @lad<"20040319" @ptad<"20040319")	US-PGPUB; USPAT; EPO; JPO; DERVENT	OR	ON	2009/10/06 19:06
S64	47	S63 not S60	US-PGPUB; USPAT; EPO; JPO; DERVENT	OR	ON	2009/10/06 19:06

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S32	16	okuyama-ryoichi\$.in. yukio-fujita\$.in. tsutomu-watanabe\$.in.	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/02 17:40
S33	8	ryoichi-okuyama\$.in. yukio-fujita\$.in. tsutomu-watanabe\$.in.	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/02 17:40
S34	2	S33 and elut\$4.clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/02 17:43
S65	29	("fuel cell" and elut\$4).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/06 19:22
S66	3	("fuel cell" and elut\$4 and methanol).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/06 19:23

10/8/09 1:50:59 PM

C:\Documents and Settings\jcrepeau\My Documents\EAST\workspaces\551018.wsp